

8 adjacent surfaces of adjacent pins being spaced apart a distance equal to or
9 greater than the diameter of the pin, the minimum spacing between a peripheral edge of the
10 glass seal and each immediately adjacent pin being at least equal to the diameter of the pin;
11 the coefficient of thermal expansion of the metal wall being greater than the coefficient of
12 thermal expansion of the glass of the glass seal(s), and the metal wall and the glass seal(s)
13 being configured so that the glass is in a compressed state.

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Pl
Al
(alt)

22. (New)

1 The electrical fitting of claim 21 wherein the *circumferential* edge of the
2 opening(s) has an axial length at least equal to the diameter of the pin and the glass seal(s)
3 has an axial length at least equal to the diameter of the pin.

23. (New)

1 The electrical fitting of claim 21 wherein the same glass seal is bonded to at
2 least two of the pins and the edge of the same opening through the metal wall.

24. (New)

1 The electrical fitting of claim 21 wherein the wall of the fuel tank comprises
2 a metal flange, a tubular housing fixed to the flange, extending through the flange, and
3 defining the opening through the wall, all of the pins are received in the housing and the glass
4 seal is bonded to all of the pins and the housing.

4
25. (New)

- 1 The electrical fitting of claim *24* wherein the axial length of the glass seal is
2 substantially equal to the diameter of the pin.

26. (New)

- SAB*
B2
- 1 The electrical fitting of claim 21 wherein the metal wall comprises a metal
2 flange, at least two metal collars carried by the flange and each defining one of the through
3 openings having an inner circumferentially continuous edge, each collar has one of the pins
4 extending therethrough and one of the glass seals is bonded to each of the pins and the inner
5 edge of the collar in which the pin is received.
- AL*
cont

27. (New)

- 1 The electrical fitting of claim *26* wherein the inner edge of each collar has an
2 axial length at least equal to the diameter of the pin received therein and the axial length of
3 the seal received in the collar is at least equal to the diameter of its associated pin.

10.
28. (New)

- 1 The electrical fitting of claim *26* wherein each seal is an annular ring with an
2 outside diameter of at least two and one-half times the diameter of its associated pin.

Al Cont

11.
29. (New)

1 The electrical fitting of claim 28 wherein the spacing between immediately
2 adjacent seals is at least equal to the outside diameter of the pins.

8.
30. (New)

1 The electrical fitting of claim 26 wherein the collars are homogeneously
2 integral with the flange.

31. (New)

1 The electrical fitting of claim 26 wherein the walls also comprises a metal tray
2 having a circumferentially continuous outer peripheral edge, the collars are homogeneously
3 integral with the tray, the flange has another through opening defined by a circumferentially
4 continuous edge which bears on the outer peripheral edge of the tray and these mating edges
5 are fixed and sealed together by one of welding, soldering and brazing.
